The "$\underline{A}_2$" State of $\underline{a}_2^{m-1}$.

Single Kernel from 7774D-4 x 7818B-4

To illustrate cycles of activity of component-1 of $\underline{Spm}$ in single kernel.

Parent (pollen) introduced active $\underline{Spm}$. One-half of kernel $\underline{Spm}$ started inactive; other-half of kernel started with active $\underline{Spm}$. The half with inactive $\underline{Spm}$ is pigmented in which small colorless (=active $\underline{Spm}$) appear. In these small colorless areas smaller pigmented spots (= inactive $\underline{Spm}$) appear. This sequence illustrates changes in activity of $\underline{Spm}$ from active $\rightarrow$ inactive $\rightarrow$ active $\rightarrow$ inactive.

The opposite side of the kernel shows the reciprocal type of change: from colorless (active $\underline{Spm}$) to small pigmented spots (= inactivations of $\underline{Spm}$).